

# **DIGITAL MAPPING TECHNIQUES 2019**

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**The contents of this document are provisional**

**See Presentations and Proceedings  
from the DMT Meetings (1997-2019)**

**<http://ngmdb.usgs.gov/info/dmt/>**

## **Firefly Cartography in ArcGIS**

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ESRI ArcGIS Online (AGOL) and ArcGIS Pro offer a symbol set called Firefly that create bright, glowing GIS layers. The Firefly style can make very attractive thematic visualizations. These layers are best represented on a dark, de-saturated basemap such as Dark Gray Canvas (ESRI, 2019a) or World Imagery (Firefly) (ESRI, 2019b).

Firefly can be selected for point layers in AGOL map content. To use the Firefly style in ArcGIS Pro desktop, download the Firefly.stylx file and install (ESRI, 2019c). This includes point, line, and polygon firefly symbols with 20 pre-defined colors for each type of symbol. Firefly map examples and instructions to create a higher-impact glowing effect are listed below. Blogs and Story Maps were authored by John Nelson, Cartographer, ESRI.

### **ArcGIS Blogs**

What's New in ArcGIS Online? Firefly!

<https://www.esri.com/arcgis-blog/products/mapping/mapping/whats-new-in-arcgis-online-firefly/>

Steal This Firefly Style Please

<https://www.esri.com/arcgis-blog/products/mapping/mapping/steal-this-firefly-style-please/>

### **ArcGIS Story Maps**

Firefly Recipes – Stacking Glowtastic Symbols for a Just-Right Chromatic Effect

<https://nation.maps.arcgis.com/apps/Cascade/index.html?appid=0cf875ee15f3416d940378432de07849>

Firefly Cartography – A Vehicle for Tricking Normal People into Wanting to Make Maps

<https://www.arcgis.com/apps/Cascade/index.html?appid=bf439954e2b64d418aedd2fe11217d83>

Lightsaber Lines – I mean Firefly Lines

<https://nation.maps.arcgis.com/apps/Cascade/index.html?appid=1b39896bff9946519b53883106ff2838>

Seismic Illumination – Pacific Rim Earthquakes as the Echo of a Planetary Process  
<https://storymaps.esri.com/stories/2017/seismic-illumination/index.html>

## REFERENCES

ESRI, 2019a, Dark Gray Canvas, accessed July 24, 2019, at  
<https://www.arcgis.com/home/item.html?id=358ec1e175ea41c3bf5c68f0da11ae2b>.

ESRI, 2019b, World Imagery (Firefly), accessed July 24, 2019, at  
<https://www.arcgis.com/home/item.html?id=39858979a6ba4cfd96005bbe9bd4cf82>.

ESRI, 2019c, Firefly ArcGIS Pro Symbology, accessed July 24, 2019, at <https://esri-styles.maps.arcgis.com/home/item.html?id=93a6d9ea3b54478193ba566ab9d8b748>.